



Pacific Pests, Pathogens & Weeds - Mini Fact Sheet Edition

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Papaya brown spot (300)



Photo 1. Brown spot, *Corynespora cassiicola*, on papaya.



Photo 2. Brown spot, *Corynespora cassiicola*, on papaya, from below.



Photo 3. Target spot, *Corynespora cassiicola*, on tomato.



Photo 4. Leaf spot (or target spot), *Corynespora cassiicola*, on cucumber.

Summary

- Worldwide distribution. On cucumber and tomato as the cause of a major disease; a minor disease on many others. On papaya, occasional loss of fruit yield and quality.
- Spots, angular, brown, 2 mm with yellow halos and white centres that often fall out. Best seen from below. May become larger and merge in wet weather. Spread is by spores in wind and rain.
- Cultural control: none recommended for papaya, but it is recommended not to plant tomato or cucumber near papaya with brown leaf spot.
- Chemical control: chlorothalonil, mancozeb, or copper. Note, tebuconazole is used for black spot.

Common Name

Papaya brown spot, papaya shot-hole, *Corynespora* leaf spot

Scientific Name

Corynespora cassiicola

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Information from *Diseases of fruit crops in Australia* (2009). Editors, Tony Cooke, Denis Persley, Susan House. CSIRO Publishing. Photo 2 Mike Furlong, University of Queensland, Brisbane. Photo 3 Gerald Holmes, California Polytechnic State University at San Luis Obispo, Bugwood.org.

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